

FIG. 1

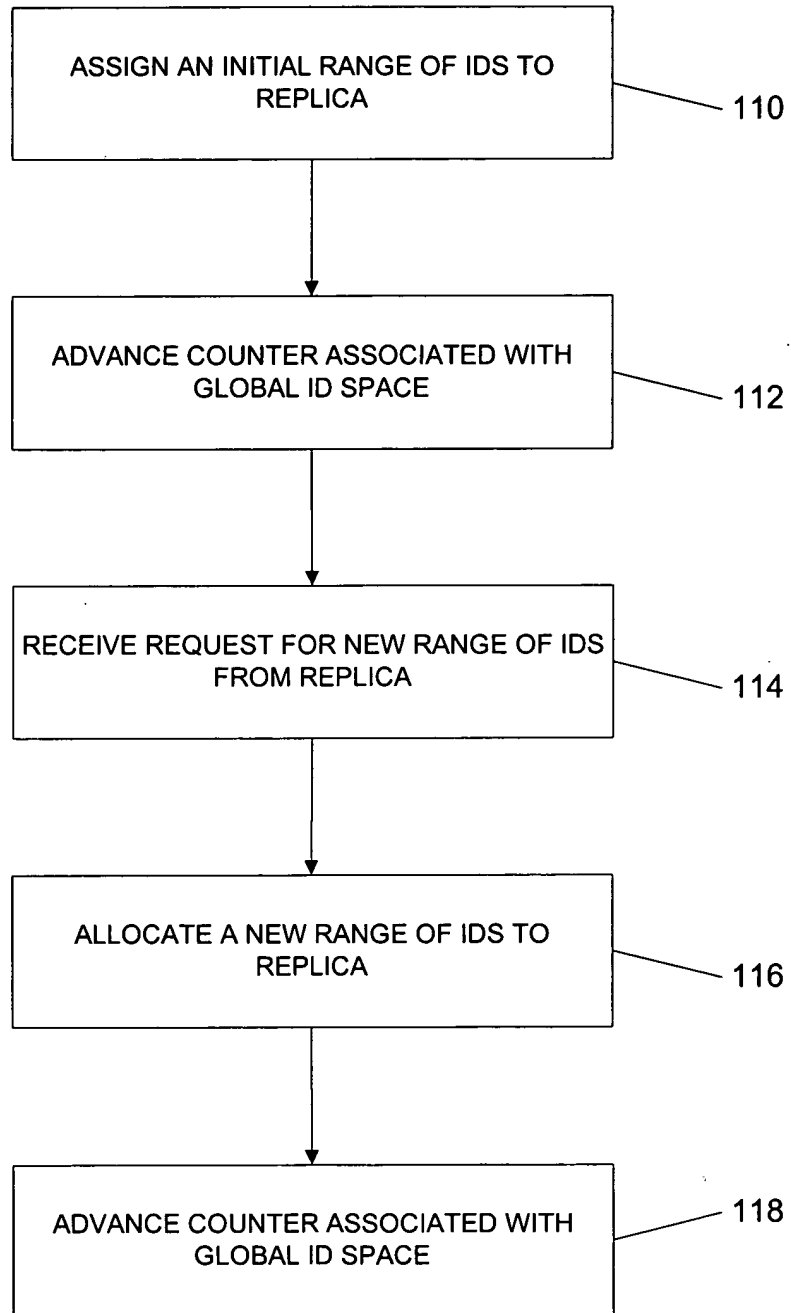


FIG. 2

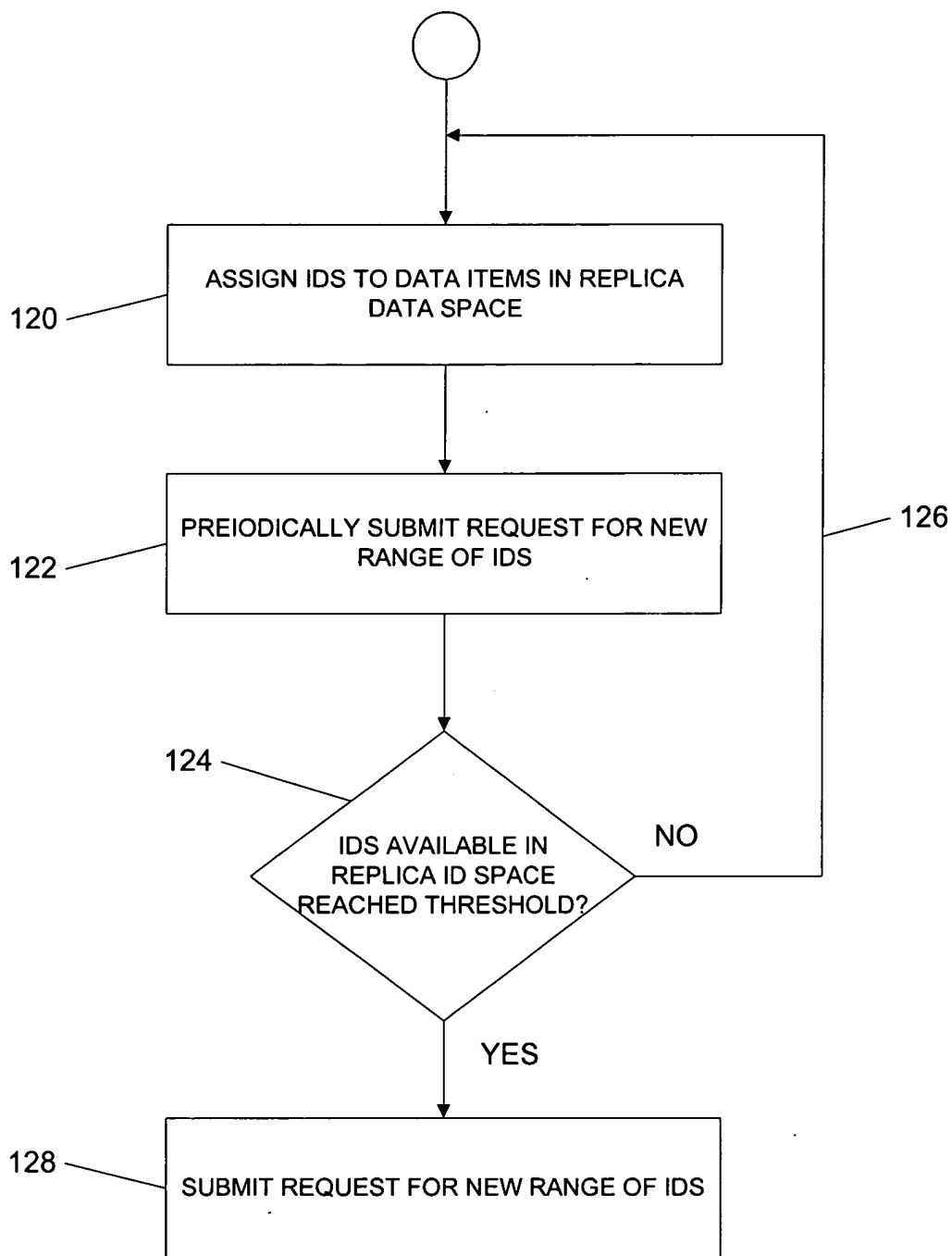


FIG. 3

GLOBAL ID SPACE

REPLICA 1 ID SPACE

1-1,000
2,001-2,500

REPLICA 2 ID SPACS

1,001-2,000
2,501-4,000

<u>IDS</u>	<u>Status</u>
1-1,000	Counter = 1 Allocated to Replica 1
1,001-2,000	Counter = 1,001 Allocated to Replica 2
2,001-2,500	Counter = 2,001 Allocated to Replica 1
2,501-4,000	Counter = 2,501 Allocated to Replica 2
4,001-N	Counter = 4,001 Unallocated

FIG. 4

FIG. 4